

ABSTRACT

An level-adjusting apparatus for an attachment according to this invention comprises a fixed frame attached to a sub frame that is movable horizontally; a cylinder assembly, which is mounted on one side of the fixed frame, having a suction cup on its lower end; a flexible screw shaft disposed in the cylinder assembly so as to be connected with the suction cup; and an actuator that drives the flexible screw shaft to move vertically so that the cylinder assembly contracts and elongates. Accordingly, the vertical position of the suction cup can be adjusted in accordance with the shape of a work piece.